

CERTIFICATE OF ANALYSIS

Product Name:	TB-500	CAS Number:	885340-08-9
Molecular Formula:	C ₃₈ H ₆₈ N ₁₀ O ₁₄	Molecular Weight:	5017.6
Quantity:	5g	Date of Analysis:	2024-12-22
Storage:	Store in a cool, dry container, 2-8°C	Retest Date:	2026-12-22

Sequence:	Ac-Ser-Asp-Lys-Pro-Asp-Met-Ala-Glu-Ile-Glu-Lys-Phe-Asp-Lys-Ser-Lys-Leu-Lys-Lys-Thr-Glu-Thr-Gln-Glu-Lys-Asn-Pro-Leu-Pro-Ser-Lys-Glu-Thr-Ile-Glu-Gln-Glu-Lys-Gln-Ala-Gly-Glu-Ser
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Tests	Specifications	Results
Appearance	White powder	Conforms
Purity (HPLC)	≥98%	99.6%
Acetate Content (HPLC)	≤8.0%	4.8%
Peptide Content (N%)	≥80%	83%
Water Content (Karl Fischer)	≤10.0%	3.2%
MS (ESI)	Conforms	Conforms
Mass Balance	95.0~105.0%	Conforms

Conclusion:	Complies with the manufacturer's standard.
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DISCLAIMER:

- 1) The shipment contains Chemically Synthesized Peptide. (Synthetic Protein). It is not derived from human, animal or plant material.
- 2) The above material is to be used exclusively for in vitro laboratory research purposes only. It has no commercial resale value. It is NOT for Human or Animal Consumption.
- 3) The material is NOT hazardous, nor infectious. The material is NOT an immunogen.
- 4) It is NOT a drug or a controlled substance.
- 5) It does NOT contain any animal or cell culture derived products or additives such as Albumin or Serum.
- 6) The material is NON-HAZARDOUS.